

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	(calibrat\$3 near2 photodetector) with feedback	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/07 14:33
L2	18	(calibrat\$3 near2 photodetector) with compar\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/07 14:57
L3	325	(calibrat\$3 near2 photodetector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/07 14:58
L4	3	(calibrat\$3 near2 photo-detector) with compar\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/07 14:57
L5	0	(calibrat\$3 near2 photo-diode) with compar\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/07 14:57

## EAST Search History

L6	8	(calibrat\$3 near2 photodiode) with compar\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/07 14:59
L7	238	3 and @ad<"20020301"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/07 14:59
L8	327	(calibrat\$3 near2 photodiode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/07 14:59
L9	183	8 and @ad<"20020301"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/07 14:59
L10	413	7 or 9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/07 15:08

## EAST Search History

L11	112	385/37.ccls. and method and standing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/07 15:12
L12	1	("4474427").PN.	USPAT	OR	OFF	2006/12/07 15:22
L13	0	10/087,878	USPAT	OR	OFF	2006/12/07 15:22
L14	1	10/087,878	US-PGPUB; USPAT	OR	OFF	2006/12/07 15:22
L15	1	14 and calibrat\$3	US-PGPUB; USPAT	OR	OFF	2006/12/07 15:23
L16	0	("2003/0165304").URPN.	USPAT	OR	OFF	2006/12/07 15:23
L17	1	1 and processor	USPAT	OR	OFF	2006/12/07 15:23
L18	1	14 and processor	US-PGPUB; USPAT	OR	OFF	2006/12/07 15:24

## EAST Search History

Ref. #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	ohm.in. and (monitoring near2 laser)	US-PGPUB	OR	OFF	2006/12/07 15:45
L2	2	ohm.in. and (monitoring near2 semiconductor)	US-PGPUB	OR	OFF	2006/12/07 15:45
L3	2280	(385/14).CCLS.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L4	2541	((385/15) or (385/31)).CCLS.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L5	2961	((385/88) or (385/89) or (385/90) or (385/91) or (385/92) or (385/93) or (385/94)).CCLS.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L6	0	((372/43) or (372/44) or (372/45) or (372/46) or (372/47) or (372/48) or (372/49) or (372/50)).CCLS.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L7	220	(438/27).CCLS.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L8	1674	(250/239).CCLS.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L9	0	((372/43) or (372/44) or (372/45) or (372/46) or (372/47) or (372/48) or (372/49) or (372/50)).CCLS.) and ((split or splitter or splitting) near2 (cube or cubes)) and (laser or lasers) and (photodetector or photodetectors or detector or detectors or photodiode or photodiodes or PD or PDs)	USPAT	OR	OFF	2006/12/07 15:45
L10	0	((438/27).CCLS.) and ((split or splitter or splitting) near2 (cube or cubes)) and (laser or lasers) and (photodetector or photodetectors or detector or detectors or photodiode or photodiodes or PD or PDs)	USPAT	OR	OFF	2006/12/07 15:45
L11	1	((250/239).CCLS.) and ((split or splitter or splitting) near2 (cube or cubes)) and (laser or lasers) and (photodetector or photodetectors or detector or detectors or photodiode or photodiodes or PD or PDs)	USPAT	OR	OFF	2006/12/07 15:45
L12	2	((385/14).CCLS.) and ((split or splitter or splitting) near2 (cube or cubes)) and (laser or lasers) and (photodetector or photodetectors or detector or detectors or photodiode or photodiodes or PD or PDs)	USPAT	OR	OFF	2006/12/07 15:45
L13	5	((385/15) or (385/31)).CCLS.) and ((split or splitter or splitting) near2 (cube or cubes)) and (laser or lasers) and (photodetector or photodetectors or detector or detectors or photodiode or photodiodes or PD or PDs)	USPAT	OR	OFF	2006/12/07 15:45

## EAST Search History

L14	6	((385/88) or (385/89) or (385/90) or (385/91) or (385/92) or (385/93) or (385/94)).CCLS.) and ((split or splitter or splitting) near2 (cube or cubes)) and (laser or lasers) and (photodetector or photodetectors or detector or detectors or photodiode or photodiodes or PD or PDs)	USPAT	OR	OFF	2006/12/07 15:45
L15	4	("4875750"   "5016965"   "5064266"   "5321786").PN.	USPAT	OR	OFF	2006/12/07 15:45
L16	39	"5611006".URPN.	USPAT	OR	OFF	2006/12/07 15:45
L17	58	("2982859"   "3492484"   "3649105"   "3990780"   "4003655"   "4179183"   "4208094"   "4234145"   "4249814"   "4303302"   "4303303"   "4322126"   "4365863"   "4431258"   "4470662"   "4498730"   "4574191"   "4603975"   "4613203"   "4614868"   "4626066"   "4644160"   "4657339"   "4714326"   "4738500"   "4789215"   "4790621"   "4796263"   "4814600"   "4823402"   "4838631"   "4838637"   "4859012"   "4927225"   "4932745"   "4993796"   "5005934"   "5028104"   "5030004"   "5031987"   "5150245"   "5199088"   "5204922"   "5208880"   "5221987"   "5271075"   "5291324"   "5317659"   "5420946"   "5436986"   "5440654"   "5453827"   "5524153"   "5546484"   "5594820"   "5627669"   "5629993"   "5647033").PN.	USPAT	OR	OFF	2006/12/07 15:45
L18	55	"6097860".URPN.	USPAT	OR	OFF	2006/12/07 15:45
L19	890	(385/14).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/12/07 15:45
L20	1147	((385/15) or (385/31)).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/12/07 15:45
L21	1316	((385/88) or (385/89) or (385/90) or (385/91) or (385/92) or (385/93) or (385/94)).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/12/07 15:45
L22	0	((372/43) or (372/44) or (372/45) or (372/46) or (372/47) or (372/48) or (372/49) or (372/50)).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/12/07 15:45
L23	115	(438/27).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/12/07 15:45
L24	541	(250/239).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/12/07 15:45

## EAST Search History

L25	4	((385/14).CCLS.) or (((385/15) or (385/31)).CCLS.) or (((385/88) or (385/89) or (385/90) or (385/91) or (385/92) or (385/93) or (385/94)).CCLS.) or (((372/43) or (372/44) or (372/45) or (372/46) or (372/47) or (372/48) or (372/49) or (372/50)).CCLS.) or ((438/27).CCLS.) or ((250/239).CCLS.)) and ((split or splitter or splitting) near2 (cube or cubes)) and (laser or lasers) and (photodetector or photodetectors or detector or detectors or photodiode or photodiodes or PD or PDs)	US-PGPUB	OR	OFF	2006/12/07 15:45
L26	3	((monitor or monitoring or monitors or monitored) near2 (laser or lasers or (light adj source) or LD or LDs or (light adj sources))) with (cube or cubes)	USPAT	OR	OFF	2006/12/07 15:45
L27	3	((monitor or monitoring or monitors or monitored) near3 (laser or lasers or (light adj source) or LD or LDs or (light adj sources))) with (cube or cubes)	USPAT	OR	OFF	2006/12/07 15:45
L28	298	((monitor or monitoring or monitors or monitored) near3 (laser or lasers or (light adj source) or LD or LDs or (light adj sources))) with (beam near2 (splitter or splitters or splitting or split or splits))	USPAT	OR	OFF	2006/12/07 15:45
L29	0	((monitor or monitoring or monitors or monitored) near3 (laser or lasers or (light adj source) or LD or LDs or (light adj sources))) with (beam near2 (splitter or splitters or splitting or split or splits))	IBM_TDB	OR	OFF	2006/12/07 15:45
L30	196	((monitor or monitoring or monitors or monitored) near3 (laser or lasers or (light adj source) or LD or LDs or (light adj sources))) with (beam near2 (splitter or splitters or splitting or split or splits))	US-PGPUB	OR	OFF	2006/12/07 15:45
L31	8	((monitor or monitoring or monitors or monitored) near3 (laser or lasers or (light adj source) or LD or LDs or (light adj sources))) with (beam near2 (splitter or splitters or splitting or split or splits))	EPO	OR	OFF	2006/12/07 15:45
L32	61	((monitor or monitoring or monitors or monitored) near3 (laser or lasers or (light adj source) or LD or LDs or (light adj sources))) with (beam near2 (splitter or splitters or splitting or split or splits))	JPO	OR	OFF	2006/12/07 15:45
L33	67	((monitor or monitoring or monitors or monitored) near3 (laser or lasers or (light adj source) or LD or LDs or (light adj sources))) with (beam near2 (splitter or splitters or splitting or split or splits))	DERWENT	OR	OFF	2006/12/07 15:45
L34	2	((monitor or monitoring or monitors or monitored) near3 (laser or lasers or (light adj source) or LD or LDs or (light adj sources))) with (beam near2 (splitter or splitters or splitting or split or splits))	USOCR	OR	OFF	2006/12/07 15:45
L35	11	((4733067") or ("4844584") or ("5611006") or ("6097860") or ("5862283") or ("6021238") or ("5627669") or ("20030002799") or ("6587481") or ("5881084") or ("5751748")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/07 15:45

## EAST Search History

L36	2	((("4733067") or ("4844584") or ("5611006") or ("6097860") or ("5862283") or ("6021238") or ("5627669") or ("20030002799") or ("6587481") or ("5881084") or ("5751748")).PN.) and (isolator or isolators)	USPAT	OR	OFF	2006/12/07 15:45
L37	2961	((385/88) or (385/89) or (385/90) or (385/91) or (385/92) or (385/93) or (385/94)).CCLS.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L38	0	((372/43) or (372/44) or (372/45) or (372/46) or (372/47) or (372/48) or (372/49) or (372/50)).CCLS.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L39	20	((385/88) or (385/89) or (385/90) or (385/91) or (385/92) or (385/93) or (385/94)).CCLS.) and ((package or packages or module or modules) near2 (optical or optic)) and (laser or lasers or LD or laserdiode or laserdiodes) and (photodiode or photodiodes or PD or PDs or detector or detectors or photodetector or photodetectors) and ((isolator or isolators) with (split or splitting or splits or splitter or splitters))	USPAT	OR	OFF	2006/12/07 15:45
L40	0	((372/43) or (372/44) or (372/45) or (372/46) or (372/47) or (372/48) or (372/49) or (372/50)).CCLS.) and ((package or packages or module or modules) near2 (optical or optic)) and (laser or lasers or LD or laserdiode or laserdiodes) and (photodiode or photodiodes or PD or PDs or detector or detectors or photodetector or photodetectors) and ((isolator or isolators) with (split or splitting or splits or splitter or splitters))	USPAT	OR	OFF	2006/12/07 15:45
L41	20	((385/88) or (385/89) or (385/90) or (385/91) or (385/92) or (385/93) or (385/94)).CCLS.) and ((package or packages or module or modules) near2 (optical or optic)) and (laser or lasers or LD or laserdiode or laserdiodes) and (photodiode or photodiodes or PD or PDs or detector or detectors or photodetector or photodetectors) and ((isolator or isolators) with (split or splitting or splits or splitter or splitters)) and (package or packages or module or modules) and (laser or lasers or LD or laserdiode or laserdiodes) and (photodiode or photodiodes or PD or PDs or detector or detectors or photodetector or photodetectors) and ((isolator or isolators) with (split or splitting or splits or splitter or splitters))	USPAT	OR	OFF	2006/12/07 15:45
L42	0	((372/43) or (372/44) or (372/45) or (372/46) or (372/47) or (372/48) or (372/49) or (372/50)).CCLS.) and (package or packages or module or modules) and (laser or lasers or LD or laserdiode or laserdiodes) and (photodiode or photodiodes or PD or PDs or detector or detectors or photodetector or photodetectors) and ((isolator or isolators) with (split or splitting or splits or splitter or splitters))	USPAT	OR	OFF	2006/12/07 15:45



## EAST Search History

L43	185	(package or packages or module or modules) and (laser or lasers or LD or laserdiode or laserdiodes) and (photodiode or photodiodes or PD or PDs or detector or detectors or photodetector or photodetectors) and ((isolator or isolators) with (split or splitting or splits or splitter or splitters))	USPAT	OR	OFF	2006/12/07 15:45
L44	125	(package or packages or module or modules) and (laser or lasers or LD or laserdiode or laserdiodes) and (photodiode or photodiodes or PD or PDs or detector or detectors or photodetector or photodetectors) and ((isolator or isolators) with (split or splitting or splits or splitter or splitters))	US-PGPUB	OR	OFF	2006/12/07 15:45
L45	0	(package or packages or module or modules) and (laser or lasers or LD or laserdiode or laserdiodes) and (photodiode or photodiodes or PD or PDs or detector or detectors or photodetector or photodetectors) and ((isolator or isolators) with (split or splitting or splits or splitter or splitters))	EPO	OR	OFF	2006/12/07 15:45
L46	0	(package or packages or module or modules) and (laser or lasers or LD or laserdiode or laserdiodes) and (photodiode or photodiodes or PD or PDs or detector or detectors or photodetector or photodetectors) and ((isolator or isolators) with (split or splitting or splits or splitter or splitters))	USOCR	OR	OFF	2006/12/07 15:45
L47	5	(package or packages or module or modules) and (laser or lasers or LD or laserdiode or laserdiodes) and (photodiode or photodiodes or PD or PDs or detector or detectors or photodetector or photodetectors) and ((isolator or isolators) with (split or splitting or splits or splitter or splitters))	JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/07 15:45
L48	25	((385/88) or (385/89) or (385/90) or (385/91) or (385/92) or (385/93) or (385/94)).CCLS.) and (laser or lasers or LD or laserdiode or laserdiodes) and (photodiode or photodiodes or PD or PDs or detector or detectors or photodetector or photodetectors) and ((isolator or isolators) with (split or splitting or splits or splitter or splitters))	USPAT	OR	OFF	2006/12/07 15:45
L49	0	((372/43) or (372/44) or (372/45) or (372/46) or (372/47) or (372/48) or (372/49) or (372/50)).CCLS.) and (laser or lasers or LD or laserdiode or laserdiodes) and (photodiode or photodiodes or PD or PDs or detector or detectors or photodetector or photodetectors) and ((isolator or isolators) with (split or splitting or splits or splitter or splitters))	USPAT	OR	OFF	2006/12/07 15:45
L50	96	((385/88) or (385/89) or (385/90) or (385/91) or (385/92) or (385/93) or (385/94)).CCLS.) and ((package or packages or module or modules) near2 (optical or optic)) and (laser or lasers or LD or laserdiode or laserdiodes) and (photodiode or photodiodes or PD or PDs or detector or detectors or photodetector or photodetectors) and (isolator or isolators)	USPAT	OR	OFF	2006/12/07 15:45



## EAST Search History

L51	0	(((372/43) or (372/44) or (372/45) or (372/46) or (372/47) or (372/48) or (372/49) or (372/50)).CCLS.) and ((package or packages or module or modules) near2 (optical or optic)) and (laser or lasers or LD or laserdiode or laserdiodes) and (photodiode or photodiodes or PD or PDs or detector or detectors or photodetector or photodetectors) and (isolator or isolators))	USPAT	OR	OFF	2006/12/07 15:45
L52	95	(((385/88) or (385/89) or (385/90) or (385/91) or (385/92) or (385/93) or (385/94)).CCLS.) and ((package or packages or module or modules) near2 (optical or optic)) and (laser or lasers or LD or laserdiode or laserdiodes) and (photodiode or photodiodes or PD or PDs or detector or detectors or photodetector or photodetectors) and (splitter or splitters))	USPAT	OR	OFF	2006/12/07 15:45
L53	204	(((385/88) or (385/89) or (385/90) or (385/91) or (385/92) or (385/93) or (385/94)).CCLS.) and ((package or packages or module or modules) near2 (optical or optic)) and (laser or lasers or LD or laserdiode or laserdiodes) and (photodiode or photodiodes or PD or PDs or detector or detectors or photodetector or photodetectors) and (filter or filters))	USPAT	OR	OFF	2006/12/07 15:45
L54	133	(((385/88) or (385/89) or (385/90) or (385/91) or (385/92) or (385/93) or (385/94)).CCLS.) and ((package or packages or module or modules) near2 (optical or optic)) and (laser or lasers or LD or laserdiode or laserdiodes) and (photodiode or photodiodes or PD or PDs or detector or detectors or photodetector or photodetectors) and (filter or filters)) not (((385/88) or (385/89) or (385/90) or (385/91) or (385/92) or (385/93) or (385/94)).CCLS.) and ((package or packages or module or modules) near2 (optical or optic)) and (laser or lasers or LD or laserdiode or laserdiodes) and (photodiode or PD or PDs or detector or detectors or photodetector or photodetectors) and (splitter or splitters)) or (((372/43) or (372/44) or (372/45) or (372/46) or (372/47) or (372/48) or (372/49) or (372/50)).CCLS.) and ((package or packages or module or modules) near2 (optical or optic)) and (laser or lasers or LD or laserdiode or laserdiodes) and (photodiode or photodiodes or PD or PDs or detector or detectors or photodetector or photodetectors) and (splitter or splitters))	USPAT	OR	OFF	2006/12/07 15:45
L55	1	("6587481").PN.	USPAT; USOCR	OR	OFF	2006/12/07 15:45

## EAST Search History

L56	0	((("6587481").PN.) and gallium	USPAT	OR	OFF	2006/12/07 15:45
L57	0	((("6587481").PN.) and arsenide	USPAT	OR	OFF	2006/12/07 15:45
L58	196	((gallium adj arsenide) near3 (laser or lasers)) with (wavelength or wavelengths or frequency or frequencies)	USPAT	OR	OFF	2006/12/07 15:45
L59	57	((gallium adj arsenide) near3 (laser or lasers)) with ((wavelength or wavelengths or frequency or frequencies) near6 (nm))	USPAT	OR	OFF	2006/12/07 15:45
L60	1	((("6587481").PN.) and (polar\$)	USPAT	OR	OFF	2006/12/07 15:45
L61	1	((("6587481").PN.) and "65"	USPAT	OR	OFF	2006/12/07 15:45
L62	0	((("6587481").PN.) and dielectric	USPAT	OR	OFF	2006/12/07 15:45
L63	0	((("6587481").PN.) and glass	USPAT	OR	OFF	2006/12/07 15:45
L64	1	((("6587481").PN.) and prism	USPAT	OR	OFF	2006/12/07 15:45
L65	1	((("6587481").PN.) and (beam adj splitter)	USPAT	OR	OFF	2006/12/07 15:45
L66	0	((("6587481").PN.) and (photodiode or photodiodes or PD or PDs)	USPAT	OR	OFF	2006/12/07 15:45
L67	1	("5751748").PN.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L68	1	((("5751748").PN.) and semiconductor	USPAT	OR	OFF	2006/12/07 15:45
L69	1	((("5751748").PN.) and photodiode	USPAT	OR	OFF	2006/12/07 15:45
L70	1	((("5751748").PN.) and photodiodes	USPAT	OR	OFF	2006/12/07 15:45
L71	0	((("5751748").PN.) and (polar\$)	USPAT	OR	OFF	2006/12/07 15:45
L72	1	((("5751748").PN.) and "45c"	USPAT	OR	OFF	2006/12/07 15:45
L73	1	((("5751748").PN.) and "beam splitter"	USPAT	OR	OFF	2006/12/07 15:45
L74	1	("5611006").PN.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L75	1	((("5611006").PN.) and (semiconductor)	USPAT	OR	OFF	2006/12/07 15:45
L76	1	((("5611006").PN.) and (cube)	USPAT	OR	OFF	2006/12/07 15:45
L77	1	((("5611006").PN.) and (prism)	USPAT	OR	OFF	2006/12/07 15:45
L78	0	("20020181519").PN.	USPAT; USOCR	OR	OFF	2006/12/07 15:45

## EAST Search History

L79	1	("20020181519").PN.	US-PGPUB; USOCR	OR	OFF	2006/12/07 15:45
L80	0	((("20020181519").PN.) and dielectric	US-PGPUB	OR	OFF	2006/12/07 15:45
L81	1	((("20020181519").PN.) and glass	US-PGPUB	OR	OFF	2006/12/07 15:45
L82	1	((("20020181519").PN.) and cube	US-PGPUB	OR	OFF	2006/12/07 15:45
L83	0	((("20020181519").PN.) and (photodiode or photodiodes or PD or PDs)	US-PGPUB	OR	OFF	2006/12/07 15:45
L84	1	((("20020181519").PN.) and (diode or diodes)	US-PGPUB	OR	OFF	2006/12/07 15:45
L85	1	((("20020181519").PN.) and (photodetectors)	US-PGPUB	OR	OFF	2006/12/07 15:45
L86	0	((("20020181519").PN.) and (photodetector)	US-PGPUB	OR	OFF	2006/12/07 15:45
L87	1	((("20020181519").PN.) and (detector)	US-PGPUB	OR	OFF	2006/12/07 15:45
L88	0	((("20020181519").PN.) and ((detector or detectors) near2 (type))	US-PGPUB	OR	OFF	2006/12/07 15:45
L89	0	((("20020181519").PN.) and ((detector or detectors) with (type))	US-PGPUB	OR	OFF	2006/12/07 15:45
L90	0	((("20020181519").PN.) and ((detector or detectors) with (types))	US-PGPUB	OR	OFF	2006/12/07 15:45
L91	0	((("20020181519").PN.) and ((detector or detectors) with (kind))	US-PGPUB	OR	OFF	2006/12/07 15:45
L92	1	((("20020181519").PN.) and ((detector or detectors) with (may))	US-PGPUB	OR	OFF	2006/12/07 15:45
L93	1	("5611006").PN.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L94	40	"5611006"	USPAT	OR	OFF	2006/12/07 15:45
L95	6	"48444584"	USPAT	OR	OFF	2006/12/07 15:45
L96	5	"6587481"	USPAT	OR	OFF	2006/12/07 15:45
L97	2	"5751748"	USPAT	OR	OFF	2006/12/07 15:45
L98	15	((("5604757") or ("5247167") or ("5553050") or ("3559090") or ("3622225") or ("4373782") or ("4415233") or ("4549300") or ("4627688") or ("4641926") or ("4875750") or ("5016965") or ("5064266") or ("5321786")).PN.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L99	24	"3559090"	USPAT	OR	OFF	2006/12/07 15:45
L100	35	(semiconductor near2 (laser or lasers)) and ((monitor or monitoring or monitors or monitored) near2 (source or sources or laser or lasers)) and (((beam adj splitter) or (beam adj splitters) or beamsplitter or beamsplitters) with (cube or cubes or cubic)) and (photodiode or photodiodes or PD or PDs)	USPAT	OR	OFF	2006/12/07 15:45

## EAST Search History

L101	0	(semiconductor near2 (laser or lasers)) and ((monitor or monitoring or monitors or monitored) near2 (source or sources or laser or lasers))) and (((beam adj splitter) or (beam adj splitters) or beamsplitter or beamsplitters) with (cube or cubes or cubic)) and (photodiode or photodiodes or PD or PDs)	EPO	OR	OFF	2006/12/07 15:45
L102	0	(semiconductor near2 (laser or lasers)) and ((monitor or monitoring or monitors or monitored) near2 (source or sources or laser or lasers))) and (((beam adj splitter) or (beam adj splitters) or beamsplitter or beamsplitters) with (cube or cubes or cubic)) and (photodiode or photodiodes or PD or PDs)	JPO	OR	OFF	2006/12/07 15:45
L103	0	(semiconductor near2 (laser or lasers)) and ((monitor or monitoring or monitors or monitored) near2 (source or sources or laser or lasers))) and (((beam adj splitter) or (beam adj splitters) or beamsplitter or beamsplitters) with (cube or cubes or cubic)) and (photodiode or photodiodes or PD or PDs)	DERWENT	OR	OFF	2006/12/07 15:45
L104	0	(semiconductor near2 (laser or lasers)) and ((monitor or monitoring or monitors or monitored) near2 (source or sources or laser or lasers))) and (((beam adj splitter) or (beam adj splitters) or beamsplitter or beamsplitters) with (cube or cubes or cubic)) and (photodiode or photodiodes or PD or PDs)	IBM_TDB	OR	OFF	2006/12/07 15:45
L105	0	(semiconductor near2 (laser or lasers)) and ((monitor or monitoring or monitors or monitored) near2 (source or sources or laser or lasers))) and (((beam adj splitter) or (beam adj splitters) or beamsplitter or beamsplitters) with (cube or cubes or cubic)) and (photodiode or photodiodes or PD or PDs)	USOCR	OR	OFF	2006/12/07 15:45
L106	15	(semiconductor near2 (laser or lasers)) and ((monitor or monitoring or monitors or monitored) near2 (source or sources or laser or lasers))) and (((beam adj splitter) or (beam adj splitters) or beamsplitter or beamsplitters) with (cube or cubes or cubic)) and (photodiode or photodiodes or PD or PDs)	US-PGPUB	OR	OFF	2006/12/07 15:45
L107	5	BK7A adj glass	USPAT	OR	OFF	2006/12/07 15:45
L108	5	BK7A adj glass	USPAT	OR	OFF	2006/12/07 15:45
L109	6	"BK7A"	USPAT	OR	OFF	2006/12/07 15:45
L110	1	"BK7A"	USOCR	OR	OFF	2006/12/07 15:45
L111	1	"BK7A"	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/07 15:45
L112	1	10/087,878	US-PGPUB	OR	OFF	2006/12/07 15:45
L113	1	L112 and "BK7A"	US-PGPUB	OR	OFF	2006/12/07 15:45

## EAST Search History

L114	3	((("5181216") or ("4854659") or ("5808293"))).PN.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L115	8	((("5808293") or ("5019769") or ("6579737") or ("4854659") or ("5181216") or ("6314117") or ("6476379") or ("20020186729"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/07 15:45
L116	1555	BK7	USPAT	OR	OFF	2006/12/07 15:45
L117	2	(BK7 near2 "A") and ((beam adj splitter) or (beam adj splitters))	USPAT	OR	OFF	2006/12/07 15:45
L118	433	L116 and ((beam adj splitter) or (beam adj splitters))	USPAT	OR	OFF	2006/12/07 16:40
L119	109	BK7 and borosilicate	USPAT	OR	OFF	2006/12/07 15:45
L120	1	L112 and electro-optic	US-PGPUB	OR	OFF	2006/12/07 15:45
L121	2	((("6021238") or ("5611006"))).PN.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L122	0	L121 and (modulator or modulators)	USPAT	OR	OFF	2006/12/07 15:45
L123	0	L121 and (modulate or modulated or modulating or modulates)	USPAT	OR	OFF	2006/12/07 15:45
L124	2	((("5701396") or ("6587481"))).PN.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L125	0	L124 and (modulator or modulators)	USPAT	OR	OFF	2006/12/07 15:45
L126	0	L124 and (modulate or modulated or modulating or modulates)	USPAT	OR	OFF	2006/12/07 15:45
L127	0	("20020186729").PN.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L128	1	("20020186729").PN.	US-PGPUB; USOCR	OR	OFF	2006/12/07 15:45
L129	0	L128 and (modulator or modulators)	US-PGPUB; USPAT	OR	OFF	2006/12/07 15:45
L130	0	L128 and (modulate or modulated or modulating or modulates)	USPAT	OR	OFF	2006/12/07 15:45
L131	1	("5611006").PN.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L132	1	L131 and laser	USPAT	OR	OFF	2006/12/07 15:45
L133	1	("6587481").PN.	USPAT; USOCR	OR	OFF	2006/12/07 15:45

## EAST Search History

L134	1	L133 and polar\$	USPAT	OR	OFF	2006/12/07 15:45
L135	1	("5611006").PN.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L136	0	L135 and polar\$	USPAT	OR	OFF	2006/12/07 15:45
L137	1	("6021238").PN.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L138	0	L137 and polar\$	USPAT	OR	OFF	2006/12/07 15:45
L139	1	("20020181519").PN.	US-PGPUB; USOCR	OR	OFF	2006/12/07 15:45
L140	0	L139 and polar\$	US-PGPUB	OR	OFF	2006/12/07 15:45
L141	23	bismuth adj garnet	USPAT	OR	OFF	2006/12/07 15:45
L142	40	bismuth with isolator	USPAT	OR	OFF	2006/12/07 15:45
L143	285	(beam adj splitter).ti.	USPAT	OR	OFF	2006/12/07 15:45
L144	195	L143 and polar\$	USPAT	OR	OFF	2006/12/07 15:45
L145	1	("4627688").PN.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L146	0	L145 and dielectric	USPAT	OR	OFF	2006/12/07 15:45
L147	1	L145 and glass	USPAT	OR	OFF	2006/12/07 15:45
L148	0	L145 and quartz	USPAT	OR	OFF	2006/12/07 15:45
L149	1	L145 and (materials or material)	USPAT	OR	OFF	2006/12/07 15:45
L150	0	(beam adj splitter) and electro-optic and yttrium-iron and garnet and crystal	USPAT	OR	OFF	2006/12/07 15:45
L151	0	(beam adj splitter) and yttrium-iron and garnet and crystal	USPAT	OR	OFF	2006/12/07 15:45
L152	0	(beam adj splitter) and yttrium-iron and garnet and crystal	USPAT	OR	OFF	2006/12/07 15:45
L153	0	(beam adj splitter) and yttrium and iron and garnet and crystal	USPAT	OR	OFF	2006/12/07 15:45
L154	0	(beam adj splitters) and yttrium and iron and garnet and crystal	USPAT	OR	OFF	2006/12/07 15:45
L155	1	L112 and electro-optic	US-PGPUB	OR	OFF	2006/12/07 15:45
L156	2	yttrium-iron and garnet	US-PGPUB	OR	OFF	2006/12/07 15:45
L157	2	yttrium-iron and garnet	USPAT	OR	OFF	2006/12/07 15:45



## EAST Search History

L158	117	yttrium-iron and garnet	USPAT	OR	OFF	2006/12/07 15:45
L159	7	L158 and (beam adj splitter)	USPAT	OR	OFF	2006/12/07 15:45
L160	2	(beam adj splitter) with (yttrium and iron and garnet)	USPAT	OR	OFF	2006/12/07 15:45
L161	1	(beam adj splitters) with (yttrium and iron and garnet)	USPAT	OR	OFF	2006/12/07 15:45
L162	8	(beam adj splitters) with (YIG)	USPAT	OR	OFF	2006/12/07 15:45
L163	6	(beam adj splitter) with (YIG)	USPAT	OR	OFF	2006/12/07 15:45
L164	10	(electro-optic) with (YIG)	USPAT	OR	OFF	2006/12/07 15:45
L165	92	(isolator) with (YIG)	USPAT	OR	OFF	2006/12/07 15:45
L166	4606	(laser or Id) same (feedback with (monitor\$3 or stabiliz\$5 or stabilis\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 15:45
L167	62	L166 and ((beam near2 split\$3) with (cube))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 15:45
L168	61	L166 and ((beam adj split\$3) with (cube))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 15:45
L169	62	L167 or L168	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 15:45



## EAST Search History

L170	59	L169 and process\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 15:45
L171	10839	(laser or ld) and (feedback with (monitor\$3 or stabiliz\$5 or stabilis\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 15:45
L172	105	L171 and ((beam near2 split\$3) with (cube))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 15:45
L173	103	L171 and ((beam adj split\$3) with (cube))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 15:45
L174	95	(L172 or L173) and process\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 15:45
L175	36	L174 not L170	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 15:45
L176	2	((("5611006") or ("6021238"))).PN.	USPAT	OR	OFF	2006/12/07 15:45

## EAST Search History

L177	1	L176 and (process\$5 or calculat\$3 or comput\$4)	USPAT	OR	OFF	2006/12/07 15:45
L178	1	L176 and (electric\$3)	USPAT	OR	OFF	2006/12/07 15:45
L179	1	"372"/\$.ccls. and (((beam near2 split\$3) or (beam adj split\$3)) with cube) and ((process\$3) with (electric\$3))	USPAT	OR	ON	2006/12/07 15:45
L180	3	"385"/\$.ccls. and (((beam near2 split\$3) or (beam adj split\$3)) with cube) and ((process\$3) with (electric\$3))	USPAT	OR	ON	2006/12/07 15:45
L181	38	"385"/\$.ccls. and (((beam near2 split\$3) or (beam adj split\$3)) with cube) or BSC or PBS) and ((stabiliz\$5 or mointor\$3 or stabiliz\$3) with (source or ld or laserdiode or laser-diode or laser))	USPAT	OR	ON	2006/12/07 15:45
L182	51	"385"/\$.ccls. and (((beam near2 split\$3) or (beam adj split\$3)) with cube) or BSC or PBS) and ((stabiliz\$5 or mointor\$3 or stabiliz\$3) with (source or ld or laserdiode or laser-diode or laser))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 15:45
L183	153	"372"/\$.ccls. and (((beam near2 split\$3) or (beam adj split\$3)) with cube) or BSC or PBS) and ((stabiliz\$5 or mointor\$3 or stabiliz\$3) with (source or ld or laserdiode or laser-diode or laser))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 15:45
L184	123	"359"/\$.ccls. and (((beam near2 split\$3) or (beam adj split\$3)) with cube) or BSC or PBS) and ((stabiliz\$5 or mointor\$3 or stabiliz\$3) with (source or ld or laserdiode or laser-diode or laser))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 15:45
L185	41	"398"/\$.ccls. and (((beam near2 split\$3) or (beam adj split\$3)) with cube) or BSC or PBS) and ((stabiliz\$5 or mointor\$3 or stabiliz\$3) with (source or ld or laserdiode or laser-diode or laser))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 15:45

## EAST Search History

L186	301	(L181 or L182 or L183 or L184 or L185)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 15:45
L187	7	("5659560"   "5742418").PN. OR ("6526075").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/07 15:45
L188	541	(250/239).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/12/07 15:45
L189	115	(438/27).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/12/07 15:45
L190	0	((372/43) or (372/44) or (372/45) or (372/46) or (372/47) or (372/48) or (372/49) or (372/50)).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/12/07 15:45
L191	1316	((385/88) or (385/89) or (385/90) or (385/91) or (385/92) or (385/93) or (385/94)).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/12/07 15:45
L192	1147	((385/15) or (385/31)).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/12/07 15:45
L193	890	(385/14).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/12/07 15:45
L194	1	((250/239).CCLS.) and ((split or splitter or splitting) near2 (cube or cubes)) and (laser or lasers) and (photodetector or photodetectors or detector or detectors or photodiode or photodiodes or PD or PDs)	USPAT	OR	OFF	2006/12/07 15:45
L195	0	((438/27).CCLS.) and ((split or splitter or splitting) near2 (cube or cubes)) and (laser or lasers) and (photodetector or photodetectors or detector or detectors or photodiode or photodiodes or PD or PDs)	USPAT	OR	OFF	2006/12/07 15:45
L196	0	((372/43) or (372/44) or (372/45) or (372/46) or (372/47) or (372/48) or (372/49) or (372/50)).CCLS.) and ((split or splitter or splitting) near2 (cube or cubes)) and (laser or lasers) and (photodetector or photodetectors or detector or detectors or photodiode or photodiodes or PD or PDs)	USPAT	OR	OFF	2006/12/07 15:45
L197	1674	(250/239).CCLS.	USPAT; USOCR	OR	OFF	2006/12/07 15:45

## EAST Search History

L198	220	(438/27).CCLS.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L199	0	((372/43) or (372/44) or (372/45) or (372/46) or (372/47) or (372/48) or (372/49) or (372/50)).CCLS.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L200	2961	((385/88) or (385/89) or (385/90) or (385/91) or (385/92) or (385/93) or (385/94)).CCLS.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L201	2541	((385/15) or (385/31)).CCLS.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L202	2280	(385/14).CCLS.	USPAT; USOCR	OR	OFF	2006/12/07 15:45
L203	9708	(1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86 or 87 or 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 or 97 or 98 or 99 or 100 or 101 or 102 or 103 or 104 or 105 or 106 or 107 or 108 or 109 or 110 or 111 or 112 or 113 or 114 or 115 or 116 or 117 or 118 or 119 or 120 or 121 or 122 or 123 or 124 or 125 or 126 or 127 or 128 or 129 or 130 or 131 or 132 or 133 or 134 or 135 or 136 or 137 or 138 or 139 or 140 or 141 or 142 or 143 or 144 or 145 or 146 or 147 or 148 or 149 or 150 or 151 or 152 or 153 or 154 or 155 or 156 or 157 or 158 or 159 or 160 or 161 or 162 or 163 or 164 or 165 or 166 or 167 or 168 or 169 or 170 or 171 or 172 or 173 or 174 or 175 or 176 or 177 or 178 or 179 or 180 or 181 or 182 or 183 or 184 or 185 or 186 or 187) and @pd>"20030916"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/07 16:41
L204	1696	203 and @ad<"20020301"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/07 16:41

**EAST Search History**

L205	34	204 and ((calibrat\$3 or adjust\$3) near2 (photodetector or photo-detector or photodiode or photo-diode or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 16:42
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